



Espacenet

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INJECTOR WITH ISOLATION STRUCTURE

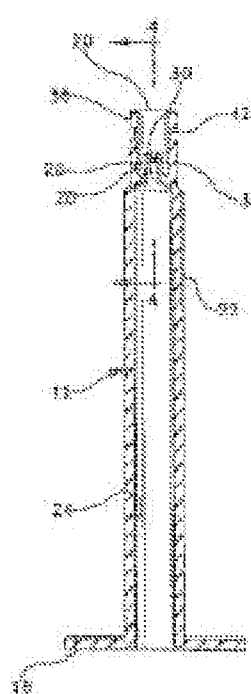
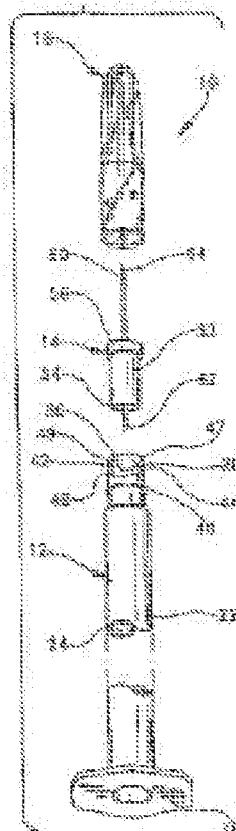
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Abstract of JP 6209996 (A)

PURPOSE: To obtain a subcutaneous injector which can connect a needle cannula to liquid in an injector cylinder and which can also separate a needle shield from the injector cylinder by a single efficient operation of an operating assembly having multiple cooperating cum means. **CONSTITUTION:** A subcutaneous injector 10 is equipped with an injector cylinder 12 to which a barrier 30 is mounted in a passage 28. The passage is connected to an accommodating chamber 24 for liquid between a base end 18 and a tip end 26. Furthermore, at the tip end of the injector cylinder 12, there is mounted a movable needle cannula 60 for piercing through the barrier 30. In this case, an operating assembly having multiple cooperating cum means which contain at least a cum hole 42 is arranged. The assembly moves the needle shield 16 and separates from the injector cylinder 12 after the needle shield 16 and the needle cannula 60 are moved for a distance enough to pierce through the barrier 30 while the needle shield 16 is rotated against the injector cylinder 12.



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